

Remarks

Claims 1-18 are pending. Applicants propose amending claims 1, 4, 5 and 9 to address a prior art rejection by eliminating a group from the definition of Ar<sub>1</sub> and a number of 112 issues. Claim 1 has been amended to eliminate the C<sub>6</sub>-C<sub>20</sub>aryloyl groups and to remove the reference to unsubstituted in the definition for Ar<sub>1</sub>. Claims 4 and 5 have been amended to rearrange a substituent condition and to remove the reference to unsubstituted for the definition of Ar<sub>1</sub>. Claim 9 has been amended to change its dependency. No new matter has been added. Applicants submit that the amendments further prosecution by addressing a number of rejections and placing the case in condition for allowance. For these reasons, Applicants submit that good cause exists to enter the amendments even though presented after final rejection.

The Examiner objects to claim 9 for failing to further limit the subject matter of a preceding claim. The Examiner believes that claim 9 should depend from claim 8, rather than claim 7. Claim 9 has been amended accordingly.

The Examiner rejects claims 1-18 under 35 U.S.C. 112(2) as being indefinite. The Examiner maintains that the definition of Ar<sub>1</sub> is unclear. With respect to lines 10 and 11, the Examiner proposes an additional "or", which has been adopted. Further, the definition for Ar<sub>1</sub> has been amended as follows: "...or C<sub>6</sub>-C<sub>20</sub>aryloyl group or with one of the carbon atoms of the aryl ring of the C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl group; or,  
provided that R<sub>1</sub> is acetyl, Ar<sub>1</sub> is C<sub>3</sub>-C<sub>5</sub>heteroaryl, which is unsubstituted or substituted 1 to 7 times by..." This wording clearly indicates that any heteroaryl, unsubstituted or substituted, is only defined for the case that R<sub>1</sub> is acetyl. Corresponding amendments have to be made in claims 4 and 5.

The Examiner rejects claims 1, 6, 7, 17 under the judicially created doctrine of obviousness-type double patenting over claims 6, 11, 12 and 17 of copending case 09/734,625. This rejection is provisional. Applicant shall submit a terminal disclaimer in the event this becomes the only remaining rejection, subject to a final comparison of the allowable claims herein and the scope of the copending claims. ✓

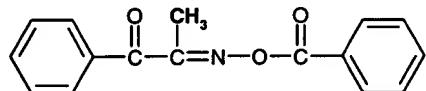
The Examiner rejects claims 1-10, 12-16 and 18 under 35 U.S.C. 102(b) as being anticipated by U.S. Pat. No. 4,282,309 ("Laridon et al."). The Examiner acknowledges that the Laridon does not exemplify the claimed compounds, but argues that the suggested substitutions can be used for anticipation. Applicants respectfully traverse this rejection.

Laridon specifically only discloses compounds corresponding to oximes with  $\text{Ar}_1 = \text{aryl}$  [ $\text{Ar}_1-\text{C}(\text{R})=\text{N}-\text{O}-\text{R}_1$ ]. In the present claims, Applicants have deleted "aryl" from the definition of  $\text{Ar}_1$ , which even further distinguishes the presently claimed compounds from the ones as specifically disclosed by Laridon. Applicants request that the Examiner reconsider and withdraw her anticipation rejection of claims 1-10, 12-16 and 18 in view of Laridon.

The Examiner rejects claim 17 under 35 U.S.C. 103 as being unpatentable over Laridon. Applicants respectfully traverse this rejection.

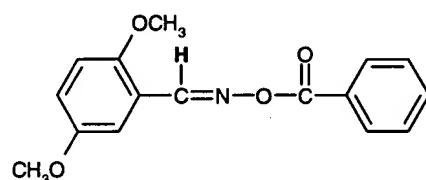
Laridon does not specifically disclose any "aldoxime" compound. In Laridon, the specific oxime ester compounds are found in col. 3, lines 20-45. In order to give a demonstration of the inventive step for the subject matter claimed in the present application, Applicants enclose a Declaration under Rule 132 of Hidetaka Oka. H. Oka compared a "ketoxime" compound as specifically disclosed in Laridon, i.e. compound A, col. 3, line 20, with two "aldoxime" compounds according to the present invention.

Compound according to  
"Laridon", US Patent 4282309,  
col. 3, compound (A)

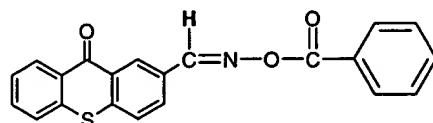


A

Compounds according to application Serial No.  
09/734,635



B1



B2

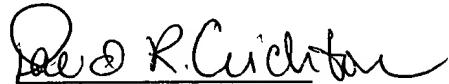
The experimental procedures are discussed more fully in the Declaration. Compounds B1 and B2 are believed to represent the closest point in view of the scope of amended claim 1. These compounds are significantly more reactive as measured using a Stouffer Wedge. The results are reproduced below show an unexpected superiority of the presently claimed compounds in resist compositions.

Compound	Number of steps reproduced after exposure time of		
	40 sec.	80 sec.	160 sec.
A	2	4	6
B1	4	7	9
B2	5	6	8

The prior art does not suggest that the selected aldoxime-type compounds would exhibit such a degree of improved performance. Thus, an inventive step is clearly given for the claimed subject matter. Applicants request that the Examiner reconsider and withdraw her obviousness rejection of claim 17 in view of Laridon.

Applicants submit that the present application is now in condition for allowance. In the event that minor amendments will further prosecution, Applicants request that the Examiner contact the undersigned representative.

Respectfully submitted,



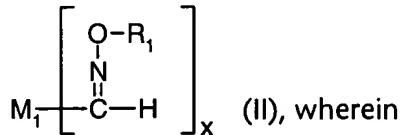
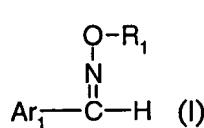
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Encl.: Declaration Under Rule 1.132, dated 18 November 2002, by H. Oka

Amended Claims with underlining and bracketing

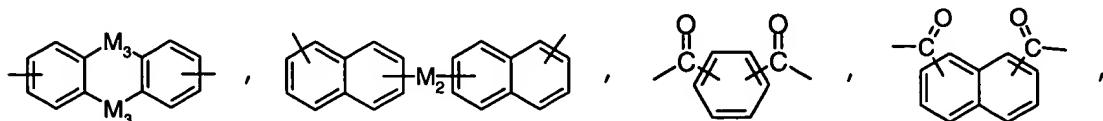
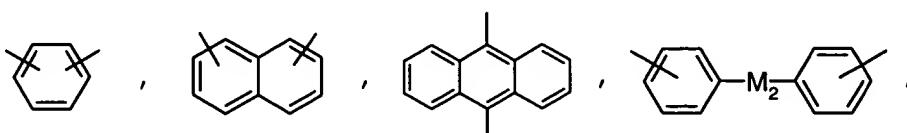
1. (amended) Alkaline developable, photosensitive composition comprising  
 (A) at least one alkaline soluble binder resin, prepolymer or monomer component;  
 (B) at least one compound of formula I or II

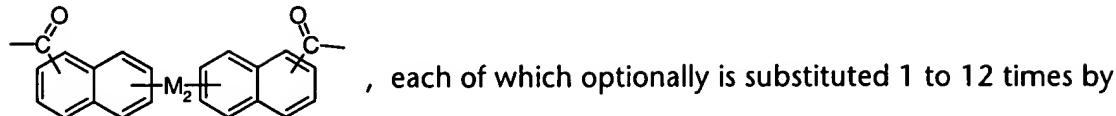
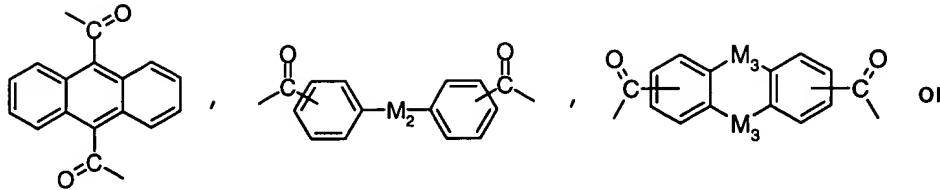


R<sub>1</sub> is C<sub>4</sub>-C<sub>9</sub>cycloalkanoyl, C<sub>3</sub>-C<sub>12</sub>alkenoyl; C<sub>1</sub>-C<sub>20</sub> alkanoyl which is unsubstituted or substituted by one or more halogen, CN or phenyl; or R<sub>1</sub> is benzoyl which is unsubstituted or substituted by one or more C<sub>1</sub>-C<sub>6</sub>alkyl, halogen, CN, OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>; or R<sub>1</sub> is C<sub>2</sub>-C<sub>12</sub>alkoxycarbonyl or benzyloxycarbonyl; or phenoxy carbonyl which is unsubstituted or substituted by one or more C<sub>1</sub>-C<sub>6</sub>alkyl or halogen;

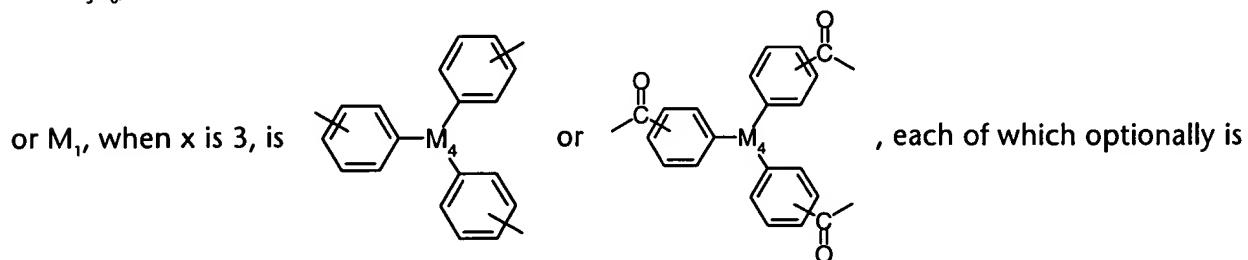
Ar<sub>1</sub> is C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl, both radicals are unsubstituted or which is substituted 1 to 12 times by halogen, C<sub>1</sub>-C<sub>20</sub>alkyl, benzyl, C<sub>1</sub>-C<sub>20</sub> alkanoyl; or C<sub>3</sub>-C<sub>8</sub>cycloalkyl; or said C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl is substituted by phenyl or benzoyl each of which optionally is substituted by one or more OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>; or said C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl is substituted by C<sub>2</sub>-C<sub>12</sub>alkoxycarbonyl optionally interrupted by one or more -O- and/or optionally substituted by one or more hydroxyl groups; or said C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl is substituted by phenoxy carbonyl, OR<sub>3</sub>, SR<sub>4</sub>, SOR<sub>4</sub>, SO<sub>2</sub>R<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>, wherein the substituents OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub> optionally form 5- or 6-membered rings via the radicals R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub> and/or R<sub>6</sub> with further substituents on the aryl ring of the C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl group or with one of the carbon atoms of the aryl ring of the C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl group; or,  
provided that R<sub>1</sub> is acetyl or Ar<sub>1</sub> is C<sub>3</sub>-C<sub>9</sub>heteroaryl, provided that R<sub>1</sub> is acetyl, said C<sub>3</sub>-C<sub>9</sub>heteroaryl which is unsubstituted or substituted 1 to 7 times by halogen, C<sub>1</sub>-C<sub>20</sub>alkyl, benzyl, C<sub>1</sub>-C<sub>20</sub> alkanoyl, or C<sub>3</sub>-C<sub>8</sub>cycloalkyl; or said C<sub>3</sub>-C<sub>9</sub>heteroaryl is substituted by phenyl or benzoyl, each of which optionally is substituted by one or more OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>; or said C<sub>3</sub>-C<sub>9</sub>heteroaryl is substituted by C<sub>2</sub>-C<sub>12</sub>alkoxycarbonyl optionally interrupted by one or more -O- and/or optionally substituted by one or more hydroxyl groups; or said C<sub>6</sub>-C<sub>20</sub>aryl or C<sub>6</sub>-C<sub>20</sub>aryloyl C<sub>3</sub>-C<sub>9</sub>heteroaryl is substituted by phenoxy carbonyl, OR<sub>3</sub>, SR<sub>4</sub>, SOR<sub>4</sub>, SO<sub>2</sub>R<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>;  
x is 2 or 3;

M<sub>1</sub>, when x is 2, is





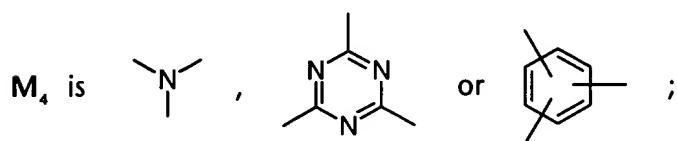
halogen, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, benzyl; phenyl which is unsubstituted or substituted by one or more OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>; benzoyl which is unsubstituted or substituted by one or more OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>; C<sub>1</sub>-C<sub>12</sub>alkanoyl; C<sub>2</sub>-C<sub>12</sub>alkoxycarbonyl optionally interrupted by one or more -O- and/or optionally substituted by one or more OH, phenoxy carbonyl, OR<sub>3</sub>, SR<sub>4</sub>, SOR<sub>4</sub>, SO<sub>2</sub>R<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>;



substituted 1 to 12 times by halogen, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl; phenyl which is unsubstituted or substituted by one or more OR<sub>3</sub>, SR<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>; benzyl, benzoyl, C<sub>1</sub>-C<sub>12</sub>alkanoyl; C<sub>2</sub>-C<sub>12</sub>alkoxycarbonyl optionally interrupted by one or more -O- and/or optionally substituted by one or more hydroxyl groups, phenoxy carbonyl, OR<sub>3</sub>, SR<sub>4</sub>, SOR<sub>4</sub>, SO<sub>2</sub>R<sub>4</sub> or NR<sub>5</sub>R<sub>6</sub>;

M<sub>2</sub> is a direct bond, -O-, -S-, -SS-, -NR<sub>3</sub>-, -(CO)-, C<sub>1</sub>-C<sub>12</sub>alkylene, cyclohexylene, phenylene, naphthylene, -(CO)O-(C<sub>2</sub>-C<sub>12</sub>alkylene)-O(CO)-, -(CO)O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CO)- or -(CO)-(C<sub>2</sub>-C<sub>12</sub>alkylene)-(CO)-; or M<sub>2</sub> is C<sub>4</sub>-C<sub>12</sub>alkylene or C<sub>4</sub>-C<sub>12</sub>alkylenedioxy-, each of which is optionally interrupted by 1 to 5 -O-, -S- and/or -NR<sub>3</sub>;

M<sub>3</sub> is a direct bond, -CH<sub>2</sub>-, -O-, -S-, -SS-, -NR<sub>3</sub>- or -(CO)-;



R<sub>3</sub> is hydrogen or C<sub>1</sub>-C<sub>20</sub>alkyl; or R<sub>3</sub> is C<sub>2</sub>-C<sub>12</sub>alkyl which is substituted by -OH, -SH, -CN, C<sub>3</sub>-C<sub>6</sub>alkenoxy, -OCH<sub>2</sub>CH<sub>2</sub>CN, -OCH<sub>2</sub>CH<sub>2</sub>(CO)O(C<sub>1</sub>-C<sub>4</sub>alkyl), -O(CO)-C<sub>1</sub>-C<sub>4</sub>alkyl, -O(CO)-phenyl, -(CO)OH, -(CO)O(C<sub>1</sub>-C<sub>4</sub>alkyl), -N(C<sub>1</sub>-C<sub>4</sub>alkyl)<sub>2</sub>, -N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -N[CH<sub>2</sub>CH<sub>2</sub>O-(CO)-C<sub>1</sub>-C<sub>4</sub>alkyl]<sub>2</sub> or morpholinyl; or R<sub>3</sub> is C<sub>2</sub>-C<sub>12</sub>alkyl which is interrupted by one or more -O-; or R<sub>3</sub> is -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n+1</sub>H, -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CO)-C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>alkanoyl, C<sub>3</sub>-C<sub>12</sub>alkenyl, C<sub>3</sub>-C<sub>6</sub>alkenoyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl; or R<sub>3</sub> is benzoyl which is unsubstituted or substituted by one or more C<sub>1</sub>-C<sub>6</sub>alkyl, halogen, -OH or C<sub>1</sub>-C<sub>4</sub>alkoxy; or R<sub>3</sub> is phenyl or naphthyl each of which is unsubstituted or substituted by halogen, -OH, C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>1</sub>-C<sub>12</sub>alkoxy, phenyl-C<sub>1</sub>-C<sub>3</sub>alkoxy, phenoxy, C<sub>1</sub>-

$C_{12}$ alkylsulfanyl, phenylsulfanyl,  $-N(C_1-C_{12}\text{alkyl})_2$ , diphenylamino or  $-(CO)R_7$ ; or  $R_3$  is phenyl- $C_1-C_3\text{alkyl}$ , or  $\text{Si}(C_1-C_6\text{alkyl})(\text{phenyl})_3$ ;

$r$  is 0, 1, 2 or 3;

$n$  is 1 to 20;

$R_4$  is hydrogen,  $C_1-C_{20}\text{alkyl}$ ,  $C_3-C_{12}\text{alkenyl}$ ,  $C_3-C_8\text{cycloalkyl}$ , phenyl- $C_1-C_3\text{alkyl}$ ;  $C_2-C_8\text{alkyl}$  which is substituted by  $-\text{OH}$ ,  $-\text{SH}$ ,  $-\text{CN}$ ,  $C_3-C_6\text{alkenoxy}$ ,  $-\text{OCH}_2\text{CH}_2\text{CN}$ ,  $-\text{OCH}_2\text{CH}_2(\text{CO})\text{O}(C_1-C_4\text{alkyl})$ ,  $-\text{O}(\text{CO})-C_1-C_4\text{alkyl}$ ,  $-\text{O}(\text{CO})\text{-phenyl}$ ,  $-(\text{CO})\text{OH}$  or  $-(\text{CO})\text{O}(C_1-C_4\text{alkyl})$ ; or  $R_4$  is  $C_2-C_{12}\text{alkyl}$  which is interrupted by one or more  $-\text{O}-$  or  $-\text{S}-$ ; or  $R_4$  is  $-(\text{CH}_2\text{CH}_2\text{O})_{n+1}\text{H}$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_n(\text{CO})-C_1-C_8\text{alkyl}$ ,  $C_2-C_8\text{alkanoyl}$ ,  $C_3-C_{12}\text{alkenyl}$ ,  $C_3-C_6\text{alkenoyl}$ ; or  $R_4$  is phenyl or naphthyl each of which is unsubstituted or substituted by halogen,  $C_1-C_{12}\text{alkyl}$ ,  $C_1-C_{12}\text{alkoxy}$  or  $-(\text{CO})R_7$ ;

$R_5$  and  $R_6$  independently of each other are hydrogen,  $C_1-C_{20}\text{alkyl}$ ,  $C_2-C_4\text{hydroxyalkyl}$ ,  $C_2-C_{10}\text{alkoxyalkyl}$ ,  $C_3-C_5\text{alkenyl}$ ,  $C_3-C_8\text{cycloalkyl}$ , phenyl- $C_1-C_3\text{alkyl}$ ,  $C_1-C_4\text{alkanoyl}$ ,  $C_3-C_{12}\text{alkenoyl}$ , benzoyl; or are phenyl or naphthyl each of which is unsubstituted or substituted by  $C_1-C_{12}\text{alkyl}$  or  $C_1-C_{12}\text{alkoxy}$ ; or  $R_5$  and  $R_6$  together are  $C_2-C_6\text{alkylene}$  optionally interrupted by  $-\text{O}-$  or  $-\text{NR}_3-$  and/or optionally substituted by hydroxyl,  $C_1-C_4\text{alkoxy}$ ,  $C_2-C_4\text{alkanoyloxy}$  or benzoyloxy;

$R_7$  is hydrogen,  $C_1-C_{20}\text{alkyl}$ ; or is  $C_2-C_6\text{alkyl}$  which is substituted by halogen, phenyl,  $-\text{OH}$ ,  $-\text{SH}$ ,  $-\text{CN}$ ,  $C_3-C_6\text{alkenoxy}$ ,  $-\text{OCH}_2\text{CH}_2\text{CN}$ ,  $-\text{OCH}_2\text{CH}_2(\text{CO})\text{O}(C_1-C_4\text{alkyl})$ ,  $-\text{O}(\text{CO})-C_1-C_4\text{alkyl}$ ,  $-\text{O}(\text{CO})\text{-phenyl}$ ,  $-(\text{CO})\text{OH}$  or  $-(\text{CO})\text{O}(C_1-C_4\text{alkyl})$ ; or  $R_7$  is  $C_2-C_{12}\text{alkyl}$  which is interrupted by one or more  $-\text{O}-$ ; or  $R_7$  is  $-(\text{CH}_2\text{CH}_2\text{O})_{n+1}\text{H}$ ,  $-(\text{CH}_2\text{CH}_2\text{O})_n(\text{CO})-C_1-C_8\text{alkyl}$ ,  $C_3-C_{12}\text{alkenyl}$ ,  $C_3-C_8\text{cycloalkyl}$ ; phenyl optionally substituted by one or more halogen,  $-\text{OH}$ ,  $C_1-C_{12}\text{alkyl}$ ,  $C_1-C_{12}\text{alkoxy}$ , phenoxy,  $C_1-C_{12}\text{alkylsulfanyl}$ , phenylsulfanyl,  $-N(C_1-C_{12}\text{alkyl})_2$ , or diphenylamino; and

(D) a photopolymerizable compound.

2. (amended) Photosensitive composition according to claim 1, wherein compound (A) is an oligomeric or polymeric compound.

3. Photosensitive composition according to claim 2, wherein the photopolymerizable compound (C) is a liquid.

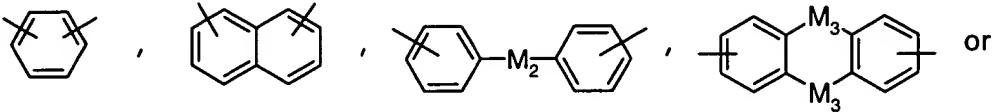
4. (amended) Photosensitive composition according to claim 1, wherein component (B) is a compound of formula I or II, wherein

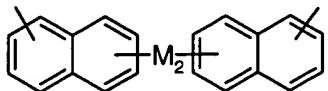
$R_1$  is  $C_2-C_6\text{alkanoyl}$  or  $C_2-C_6\text{alkoxycarbonyl}$ ; or  $R_1$  is benzoyl which is unsubstituted or substituted by one or more  $C_1-C_6\text{alkyl}$  or halogen;

$Ar_1$  is phenyl or naphthyl,  
each of these radicals is ~~are~~ unsubstituted or substituted 1 to 5 times by halogen,  $C_1-C_{20}\text{alkyl}$ , benzyl or  $C_1-C_{20}\text{alkanoyl}$ ; or said phenyl or naphthyl is substituted by phenyl or benzoyl, each of which optionally is substituted by one or more  $OR_3$ ,  $SR_4$  or  $NR_5R_6$ ; or said phenyl or naphthyl is substituted by  $C_2-C_{12}\text{alkoxycarbonyl}$  optionally interrupted by one or more  $-\text{O}-$  and/or optionally substituted by one or more OH; or said phenyl or naphthyl is substituted by  $OR_3$ ,  $SR_4$  or  $NR_5R_6$ , wherein the substituents  $OR_3$ ,  $SR_4$  or  $NR_5R_6$  optionally form 5- or 6-membered rings via the radicals  $R_3$ ,  $R_4$ ,  $R_5$  and/or  $R_6$  with further substituents on the phenyl or naphthyl ring or with one of the carbon atoms of the phenyl or naphthyl ring;

or, provided that  $R_1$  is acetyl,  $Ar_1$  is furyl, pyrrolyl, thienyl, benzofuranyl, indolyl, benzothiophenyl or pyridyl, provided that  $R_1$  is acetyl; wherein each of these radicals is unsubstituted or substituted 1 to 4 times by halogen,  $C_1-C_{20}\text{alkyl}$ , benzyl,  $C_3-C_8\text{cycloalkyl}$ ,

phenyl,  $C_1$ - $C_{20}$  alkanoyl, benzoyl,  $C_2$ - $C_{12}$  alkoxy carbonyl, phenoxy carbonyl,  $OR_3$ ,  $SR_4$ ,  $SOR_4$ ,  $SO_2R_4$  or  $NR_5R_6$ ;  
 $x$  is 2;

$M_1$  is a group  or

 , each of which optionally is substituted 1 to 4 times by halogen,

$C_1$ - $C_{12}$  alkyl, benzyl,  $OR_3$ ,  $SR_4$  or  $NR_5R_6$ ; or by phenyl which is unsubstituted or substituted by one or more  $OR_3$ ,  $SR_4$  or  $NR_5R_6$ ; or by benzoyl which is unsubstituted or substituted by one or more  $OR_3$ ,  $SR_4$  or  $NR_5R_6$ ; or by  $C_1$ - $C_{12}$  alkanoyl; or by  $C_2$ - $C_{12}$  alkoxy carbonyl optionally interrupted by one or more -O- and/or optionally substituted by one or more hydroxyl groups;

$M_2$  is a direct bond, -O-, -S-, -SS-, -NR<sub>3</sub>-, -(CO)-,  $C_1$ - $C_{12}$  alkylene, phenylene, -(CO)O-( $C_2$ - $C_{12}$  alkylene)-O(CO)-, -(CO)O-(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>-(CO)- or -(CO)-(C<sub>2</sub>-C<sub>12</sub>-alkylene)-(CO)-; or  $M_2$  is C<sub>4</sub>-C<sub>12</sub> alkylene or C<sub>4</sub>-C<sub>12</sub> alkylene dioxy-, each of which is optionally interrupted by 1 to 5 -O-, -S- and/or -NR<sub>3</sub>-;

$M_3$  is a direct bond, -CH<sub>2</sub>-, -O-, -S-, -NR<sub>3</sub>- or -(CO)-;

$R_3$  is hydrogen or  $C_1$ - $C_{20}$  alkyl; or  $R_3$  is  $C_2$ - $C_{12}$  alkyl which is substituted by -OH, -SH, -O(CO)- $C_1$ - $C_4$  alkyl, -O(CO)-phenyl, -(CO)O( $C_1$ - $C_4$  alkyl), -N( $C_1$ - $C_4$  alkyl)<sub>2</sub>, -N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -N[CH<sub>2</sub>CH<sub>2</sub>O-(CO)- $C_1$ - $C_4$  alkyl]<sub>2</sub> or morpholinyl; or  $R_3$  is  $C_2$ - $C_{12}$  alkyl which is interrupted by one or more -O-; or  $R_3$  is -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n+1</sub>H, -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CO)- $C_1$ - $C_8$  alkyl, phenyl- $C_1$ - $C_3$  alkyl,  $C_2$ - $C_8$  alkanoyl,  $C_3$ - $C_{12}$  alkenyl or  $C_3$ - $C_6$  alkenoyl; or  $R_3$  is benzoyl which is unsubstituted or substituted by one or more  $C_1$ - $C_6$  alkyl, halogen or  $C_1$ - $C_6$  alkoxy; or  $R_3$  is phenyl or naphthyl each of which is unsubstituted or substituted by halogen,  $C_1$ - $C_{12}$  alkyl,  $C_1$ - $C_{12}$  alkoxy, phenyl- $C_1$ - $C_3$  alkoxy, phenoxy,  $C_1$ - $C_{12}$  alkylsulfanyl, phenylsulfanyl, -N( $C_1$ - $C_{12}$  alkyl)<sub>2</sub>, diphenylamino or -(CO)R<sub>7</sub>;

$n$  is 1 to 20;

$R_4$  is hydrogen,  $C_1$ - $C_{20}$  alkyl,  $C_3$ - $C_{12}$  alkenyl, phenyl- $C_1$ - $C_3$  alkyl;  $C_2$ - $C_8$  alkyl which is substituted by -OH, -SH, -O(CO)- $C_1$ - $C_4$  alkyl, -O(CO)-phenyl or -(CO)O( $C_1$ - $C_4$  alkyl); or  $R_4$  is  $C_2$ - $C_{12}$  alkyl which is interrupted by one or more -O- or -S-; or  $R_4$  is -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n+1</sub>H, -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CO)- $C_1$ - $C_8$  alkyl,  $C_2$ - $C_8$  alkanoyl,  $C_3$ - $C_{12}$  alkenyl,  $C_3$ - $C_6$  alkenoyl; or  $R_4$  is phenyl or naphthyl each of which is unsubstituted or substituted by halogen,  $C_1$ - $C_{12}$  alkyl,  $C_1$ - $C_{12}$  alkoxy or -(CO)R<sub>7</sub>;

$R_5$  and  $R_6$  independently of each other are hydrogen,  $C_1$ - $C_{20}$  alkyl,  $C_2$ - $C_4$  hydroxyalkyl,  $C_2$ - $C_{10}$  alkoxyalkyl, phenyl- $C_1$ - $C_3$  alkyl,  $C_1$ - $C_4$  alkanoyl,  $C_3$ - $C_{12}$  alkenoyl, benzoyl; or are phenyl or naphthyl each of which is unsubstituted or substituted by  $C_1$ - $C_{12}$  alkyl or  $C_1$ - $C_{12}$  alkoxy; or  $R_5$  and  $R_6$  together are  $C_2$ - $C_6$  alkylene optionally interrupted by -O- or -NR<sub>3</sub>- and/or optionally substituted by hydroxyl,  $C_1$ - $C_4$  alkoxy,  $C_2$ - $C_4$  alkanoyloxy or benzoyloxy; and

$R_7$  is hydrogen,  $C_1$ - $C_{20}$  alkyl; or is  $C_2$ - $C_8$  alkyl which is substituted by halogen, phenyl, -OH, -SH,  $C_3$ - $C_6$  alkenoxy, -O(CO)- $C_1$ - $C_4$  alkyl, -O(CO)-phenyl or -(CO)O( $C_1$ - $C_4$  alkyl); or  $R_7$  is  $C_2$ - $C_{12}$  alkyl which is interrupted by one or more -O-; or  $R_7$  is -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n+1</sub>H, -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CO)- $C_1$ - $C_8$  alkyl or  $C_3$ - $C_{12}$  alkenyl; or is phenyl optionally substituted by one or more halogen,  $C_1$ - $C_{12}$  alkyl,  $C_1$ - $C_{12}$  alkoxy, phenoxy,  $C_1$ - $C_{12}$  alkylsulfanyl, phenylsulfanyl, -N( $C_1$ - $C_{12}$  alkyl)<sub>2</sub>, or diphenylamino.

5. (amended) Photosensitive composition according to claim 1 , wherein component (B) is a compound of formula I or II, wherein

$R_1$  is  $C_2\text{-}C_4$  alkanoyl;

$Ar_1$  is phenyl or naphthyl, each of which is unsubstituted or substituted by halogen,  $C_1\text{-}C_8$  alkyl,  $NR_5R_6$  or  $OR_3$ , wherein the substituents  $OR_3$ , optionally form 5- or 6-membered rings via the radicals  $R_3$  with further substituents on the phenyl or naphthyl ring; or, provided that  $R_1$  is acetyl,  $Ar_1$  is 2-furyl, 2-pyrrolyl, 2-thienyl, 3-indolyl, provided that  $R_1$  is acetyl;

$M_1$  is  ;

$x$  is 2;

$R_3$  is  $C_1\text{-}C_{20}$  alkyl; or  $R_3$  is  $C_2\text{-}C_{12}$  alkyl which is substituted by OH, -O(CO)- $C_1\text{-}C_4$  alkyl, -N( $C_1\text{-}C_4$  alkyl)<sub>2</sub>, -N(CH<sub>2</sub>CH<sub>2</sub>OH)<sub>2</sub>, -N[CH<sub>2</sub>CH<sub>2</sub>O-(CO)- $C_1\text{-}C_4$  alkyl] or morpholinyl; or  $R_3$  is  $C_2\text{-}C_{12}$  alkyl which is interrupted by one or more -O-; or  $R_3$  is -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n+1</sub>H or -(CH<sub>2</sub>CH<sub>2</sub>O)<sub>n</sub>(CO)- $C_1\text{-}C_4$  alkyl;

$n$  is 1 to 3; and

$R_5$  and  $R_6$  are  $C_1\text{-}C_4$  alkyl.

9. Photosensitive composition according to claim 8 7, comprising 100 parts by weight of component (A), 0.015 to 120 parts by weight of component (B), 5 to 500 parts by weight of component (C) and 0.015 to 120 parts by weight of component (D).